

Amendments to the Claims

This listing of the claims replaces all prior listings of the claims in the application.

Listing of Claims:

1. (Currently Amended) One or more processor-accessible storage media comprising processor-executable instructions that, when executed, direct a device to perform file compilation actions comprising:

accepting a plurality of files, each file of the plurality of files corresponding to a respective file type and including source code, wherein at least two files have different file types;

instantiating an instance of a build provider associated with each of the plurality of files;

accessing a configuration file including a data structure build provider registration – mapping data structure that maps respective file types of the plurality of files file types to a respective build provider ~~providers of a plurality of build providers~~, wherein a new build provider is registered by updating the build provider registration – mapping data structure data structure of the configuration file to include a new entry that maps a new file type to the new build provider;

associating a build provider with each file of the plurality of files in accordance with the corresponding respective file type;

providing each respective build provider a path to its associated file by calling a respective file path interface;

requesting from each respective build provider the build provider's usable language;

ascertaining the source code of each file of the plurality of files via the associated build provider; and

ascertaining one or more resources of each file of the plurality of files via the associated build provider; and

launching a compiler to compile compiling the ascertained source code and the one or more resources of each file of the plurality of files into an assembly;

wherein a build provider manager accesses the build provider registration – mapping data structure, instantiates the plurality of build providers needed to accomplish the file compilation actions based on the registration – mapping data structure, and manages and controls the plurality of build providers to facilitate the file compilation actions.

2.-4. (Canceled)

5. (Previously Presented) The one or more processor-accessible storage media as recited in claim 1, wherein at least a portion of the processor-executable instructions comprise at least part of an operating system.

6. (Previously Presented) The one or more processor-accessible storage media as recited in claim 1, wherein at least a portion of the processor-executable instructions comprise at least part of a program that is capable of establishing a runtime environment.

7. (Previously Presented) The one or more processor-accessible storage media as recited in claim 1, wherein the one or more processor-accessible media comprise at least one of one or more storage media.

8. (Currently Amended) One or more processor-accessible storage media comprising processor-executable instructions that, when executed, direct a device to perform actions comprising:

accessing, by a build provider manager, a configuration file including a data structure that maps respective file types of the plurality of file types to respective build providers of a plurality of build providers, wherein a new build provider is registered by updating the data structure of the configuration file to include a new entry that maps a new file type to the new build provider; creating an associated build provider, when instantiated by the build provider manager, for each associated file of the plurality of files, wherein at least two files have different file types; giving each associated build provider a path to its associated file; requesting each associated build provider to contribute code of its associated file; and compiling the contributed code of each associated file into an assembly under direction and control of the build provider manager.

9. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, comprising the processor-executable instructions that, when executed, direct the device to perform a further action comprising:

accepting the plurality of files, each file of the plurality of files corresponding to a different file type.

10. (Previously Presented) The one or more processor-accessible storage media as recited in claim 9, wherein the action of creating further comprises an action of:

instantiating the associated build provider for each associated file of the plurality of files according to the corresponding different file type of each associated file.

11. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, comprising the processor-executable instructions that, when executed, direct the device to perform a further action comprising:

asking each associated build provider for its usable code language.

12. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, comprising the processor-executable instructions that, when executed, direct the device to perform a further action comprising:

receiving one or more resources from at least one associated build provider.

13. (Previously Presented) The one or more processor-accessible storage media as recited in claim 12, wherein the action of compiling further comprises an action of:

compiling the contributed code of each associated file and the one or more resources from at least one associated build provider into the assembly.

14. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, wherein the action of compiling further comprises an action of:

constructing at least one of an object code file, an executable file, a dynamically linked library (DLL) file, and an intermediate language (IL) file.

15. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, wherein the action of giving further comprises an action of:
calling a file path interface on each associated build provider.

16. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, wherein the action of requesting further comprises an action of:
calling a generate code interface on each associated build provider.

17. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, comprising the processor-executable instructions that, when executed, direct the device to perform a further action comprising:
acquiring the contributed code of each associated file via each associated build provider responsive to the action of requesting.

18. (Previously Presented) The one or more processor-accessible storage media as recited in claim 17, wherein the action of acquiring further comprises at least one of the following actions:
retrieving the contributed code from a stipulated path location;
retrieving the contributed code from a created code object; and
retrieving the contributed code as a code compile unit.

19.-38. (Canceled)